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SESSION RESUMED IN FILE 'CAPLUS' AT 12:57:24 ON 25 FEB 2008
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COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	153.08	972.15
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-22.40	-35.20

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	153.08	972.15
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-22.40	-35.20

FILE 'REGISTRY' ENTERED AT 12:57:33 ON 25 FEB 2008
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DICTIONARY FILE UPDATES: 24 FEB 2008 HIGHEST RN 1005323-41-0

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11/03/2008,10521159II.trn

SAMPLE SEARCH INITIATED 12:57:50 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 4055 TO ITERATE

49.3% PROCESSED 2000 ITERATIONS 7 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 77281 TO 84919
PROJECTED ANSWERS: 57 TO 509

L24 7 SEA SSS SAM L23

=> s l23 full
FULL SEARCH INITIATED 12:57:54 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 79509 TO ITERATE

100.0% PROCESSED 79509 ITERATIONS 387 ANSWERS
SEARCH TIME: 00.00.01

L25 387 SEA SSS FUL L23

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	178.36	1150.51
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-35.20

FILE 'CAPLUS' ENTERED AT 12:58:00 ON 25 FEB 2008
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FILE COVERS 1907 - 25 Feb 2008 VOL 148 ISS 9
FILE LAST UPDATED: 24 Feb 2008 (20080224/ED)

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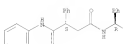
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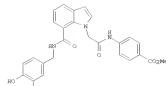
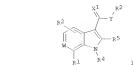
11/03/2008, 10521159II.trn

L14 ANSWER 1 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STN
 RD Entered STN: 08 May 2006
 AB Enantioselective addn. of pyrrolone to α,β -unsatd. 2-aryl
 imidazoles catalyzed by a bis(oxazolinyl)pyrrolidine-oxadiazol[111] triplate
 complex have been accomplished. The α,β -unsatd. 2-aryl
 imidazoles were synthesized in high yields through Mitsunobu oxidation. A
 short, enantioselective synthesis of the alkaloid (-)-belitriptane has
 been accomplished utilizing this method, and a 2-aryl imidazole
 cleavage
 and cyclization. This method, was then extended to the one-pot asym.
 synthesis of 2-substituted indoles.
 ACCESSION NUMBER: 2004-07406 CAPLUS
 DOCUMENT NUMBER: 145102038
 TITLE: Catalytic Enantioselective Pyrrole Alkylations of
 α,β -Unsaturated 2-Aryl Imidazoles
 INVENTOR(S): Swamy, David A.; Pandey, Keith A.
 ORGANIZATION SOURCE: Department of Chemistry and Chemical Biology, Harvard
 University, Cambridge, MA, 02138, USA
 SOURCE: Organic Letters (2006), 37(11), 2249-2252
 COUNTRY: ORIGIN: US; PUBL: 1503-1000
 PUBLISHED: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 L1 89444-91-8P
 L1 PEP (Preparation); STN (Synthetic preparation); PREP (Preparation)
 leavonucleotide addn. of pyrrolone and indole to
 α,β -unsatd. 2-aryl imidazoles catalyzed by a
 bis(oxazolinyl)pyrrolidine-oxadiazol[111] triplate complex
 NH 89444-91-8 CAPLUS
 CH 18-Indole-2-propenamide, β -phenyl-[1-(1N-1-phenylethyl)-], [(R)-
 (CA INDEX NAME)
 Absolute stereochemistry. Rotation (+).



REFERENCE COUNT: 32 THERE ARE 32 CITED REFERENCES AVAILABLE FOR
 THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
 FORMAT

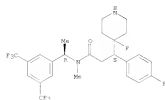
L16 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STN
 RD Entered STN: 03 Feb 2006
 CI



AB The invention provides compds. of formula 1, pharmaceutical compds., and
 methods for the treatment of thromboembolic disorders, such as, for
 example, arterial cardiovascular thromboembolic disorders, venous
 cardiovascular thromboembolic disorders, or thromboembolic disorders in
 the chambers of the heart. Compds. of formula 1 wherein M is R or CH₃,
 where R is H, halo, OR, (unsubstituted C1-6 alkyl), C1-6 alkoxy, C1-6
 alkoxy, or C1-6 alkoxyalkyl, etc.; M1 is (R,S) or (R,S), where R is H,
 alkyl, OR, NR₂, NR₂, OR₂, CO₂R₂, where R1 is C1-6 alkyl, or R1/R₂ together
 form a 5- to 6-membered ring, etc.; Y is H or G; R1 is (unsubstituted
 C2-7 alkanyl), C1-6 alkyl, C1-6 alkoxy, C1-6 alkoxy, or C1-6
 alkoxyalkyl, etc.; R2 is H, OR, (unsubstituted C1-6 alkyl), C1-6 alkyl,
 C1-6 alkoxy, C1-6 alkoxy, OR, halo, sulfone, R-hydroxyalkoxy, or
 guanidino, etc.; R3 is H or C1-6 alkyl, or R3/R₂ or R3/R₂ together form
 a 5- to 6-membered ring, etc.; R4 is H, (unsubstituted C1-7 alkanyl), C1-6
 (amino)alkyl, C1-6 alkanyl, C1-6 alkoxyalkyl, C1-6 alkoxyalkyl, C1-6
 or C1-6 alkyl, C1-6 alkoxyalkyl, C1-6 alkoxyalkyl, C1-6 alkoxyalkyl,
 carbonylalkoxy, carbonylalkoxy, etc.; R5 is H, (unsubstituted C1-6 alkyl,
 C1-6 alkyl, C1-6 alkoxy, carbonylalkoxy, C1-6 alkoxyalkyl, OR, NR₂, OR,
 C1-6

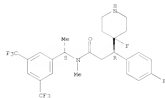
L26 ANSWER 2 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)
 thiazolone, or C1-4 perfluoroalkyl, etc., and the pharmaceutically
 acceptable salts, solvates, active metabolites, or prodrugs thereof are
 claimed in this invention. The compds. in this invention were tested in
 vitro for their activity against factor Xa, factor Ia, and thrombin. The
 inhibition data (IC₅₀) were detd. From the assay. Invention compd. 11
 showed IC₅₀ values of 0.37 μ M for factor Xa, 82 μ M for factor Ia,
 and 4.3 μ M for thrombin.
 ACCESSION NUMBER: 2001-100203 CAPLUS
 DOCUMENT NUMBER: 144104251
 TITLE: Indole derivatives and their pharmacology
 INVENTOR(S): compositions and methods for treatment of thrombosis
 Deng, Hongfeng; Lin, Jians; Guo, Xihong; Meyers,
 V. J. Abdel-Meguid, Sherrin S.; Rabine, Robert E.
 SOURCE: Delayed, Int., US
 PCT Int. Appl., 144 pp.
 COUNTRY: PUBL: 03
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNTRY: 1
 PATENT INFORMATION:
 PATENT NO. KING DATE APPLICATION NO. DATE
 WO 2004012504 A2 20040202 WO 2005-082602 20050722
 WO 2004012504 A3 20040210
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126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



XXI 645390-37-2 CAPLUS
 CN 4-Piperidinopropanamide,
 N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-
 4-fluoro- β -(4-fluorophenyl)- β -methyl-, (R)- (CA INDEX NAME)

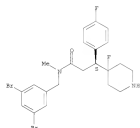
Absolute stereochemistry.



XXI 645390-37-6 CAPLUS
 CN 4-Piperidinopropanamide,
 N-[(1S)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-
 4-fluoro- β -(4-fluorophenyl)- β -methyl-, (R)- (CA INDEX NAME)

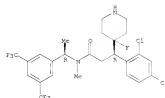
Absolute stereochemistry.

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



XXI 645390-43-0 CAPLUS
 CN 4-Piperidinopropanamide,
 N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-
 β -(2,4-dichlorophenyl)-4-fluoro- β -methyl-, (R)- (CA INDEX NAME)

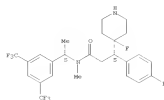
Absolute stereochemistry.



XXI 645390-53-6 CAPLUS
 CN 4-Piperidinopropanamide,
 N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-
 β -(2,4-dichlorophenyl)-4-fluoro- β -methyl-, (R)- (CA INDEX NAME)

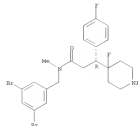
Absolute stereochemistry.

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



XXI 645390-43-2 CAPLUS
 CN 4-Piperidinopropanamide, N-[(1S,5-dimethoxyphenyl)methyl]-4-fluoro- β -(4-fluorophenyl)- β -methyl-, (R)- (CA INDEX NAME)

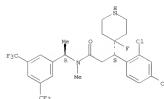
Absolute stereochemistry.



XXI 645390-43-4 CAPLUS
 CN 4-Piperidinopropanamide, N-[(1S,5-dimethoxyphenyl)methyl]-4-fluoro- β -(4-fluorophenyl)- β -methyl-, (R)- (CA INDEX NAME)

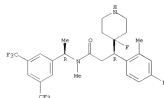
Absolute stereochemistry.

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



XXI 645390-55-8 CAPLUS
 CN 4-Piperidinopropanamide,
 N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-
 4-fluoro- β -(4-fluoro-2-methylphenyl)- β -methyl-, (R)- (CA INDEX NAME)

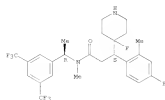
Absolute stereochemistry.



XXI 645390-59-2 CAPLUS
 CN 4-Piperidinopropanamide,
 N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-
 4-fluoro- β -(4-fluoro-2-methylphenyl)- β -methyl-, (R)- (CA INDEX NAME)

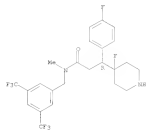
Absolute stereochemistry.

L26 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 645390-78-2 CAPLUS
CN 4-(piperidin-2-yl)-N-methyl-2-methyl-4-(trifluoromethyl)phenyl-1-methyl-4-fluoro-β-(4-fluorophenyl)-8-methyl-, (R)- (CA INDEX NAME)

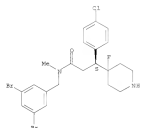
Absolute stereochemistry.



RN 645390-77-4 CAPLUS
CN 4-(piperidin-2-yl)-N-methyl-2-methyl-4-(trifluoromethyl)phenyl-1-methyl-4-fluoro-β-(4-chlorophenyl)-8-methyl-, (R)- (CA INDEX NAME)

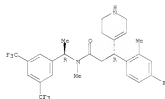
Absolute stereochemistry.

L26 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 645391-01-7 CAPLUS
CN 4-(piperidin-2-yl)-N-methyl-2-methyl-4-(trifluoromethyl)phenyl-1-methyl-4-fluoro-β-(4-bromo-2-methylphenyl)-1,2,3,6-tetrahydro-8-methyl-, (R)- (CA INDEX NAME)

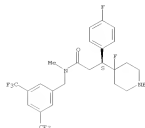
Absolute stereochemistry.



RN 645391-03-9 CAPLUS
CN 4-(piperidin-2-yl)-N-methyl-2-methyl-4-(trifluoromethyl)phenyl-1-methyl-4-fluoro-β-(4-fluoro-2-methylphenyl)-1,2,3,6-tetrahydro-8-methyl-, (R)- (CA INDEX NAME)

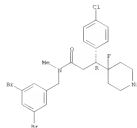
Absolute stereochemistry.

L26 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 645390-83-2 CAPLUS
CN 4-(piperidin-2-yl)-N-methyl-2-methyl-4-(trifluoromethyl)phenyl-1-methyl-4-fluoro-β-(4-chlorophenyl)-8-methyl-, (R)- (CA INDEX NAME)

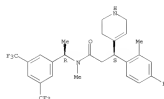
Absolute stereochemistry.



RN 645390-85-4 CAPLUS
CN 4-(piperidin-2-yl)-N-methyl-2-methyl-4-(trifluoromethyl)phenyl-1-methyl-4-fluoro-β-(4-bromophenyl)-8-methyl-, (R)- (CA INDEX NAME)

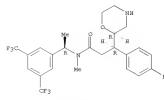
Absolute stereochemistry.

L26 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RN 645391-09-4 CAPLUS
CN 2-Morpholinopropanamide, N-([1R]-1-[3,5-bis(trifluoromethyl)phenyl]ethyl)-β-(4-fluorophenyl)-8-methyl-, (R)- (CA INDEX NAME)

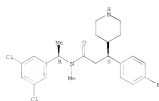
Absolute stereochemistry.



RN 645391-10-8 CAPLUS
CN 2-Morpholinopropanamide, N-([1R]-1-[3,5-bis(trifluoromethyl)phenyl]ethyl)-β-(4-fluorophenyl)-8-methyl-, (R)- (CA INDEX NAME)

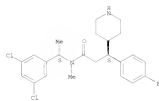
Absolute stereochemistry.

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



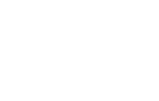
HN 645379-07-1 CAPLUS
CN 4-(4-chlorophenyl)-N-methyl-2-((4-chlorophenyl)methyl)-6-piperidinopropanamide, N-[(1S)-1-[(3,5-dichlorophenyl)methyl]-4-fluorophenyl]-N-methyl-, (R)- (CA INDEX NAME)

Absolute stereochemistry.



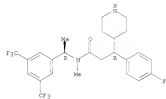
HN 645380-01-6 CAPLUS
CN 4-(4-chlorophenyl)-N-methyl-2-((4-chlorophenyl)methyl)-6-piperidinopropanamide, N-[(1S)-1-[(3,5-dichlorophenyl)methyl]-4-fluorophenyl]-N-methyl-, monohydrochloride, (R)- (R)- (CA INDEX NAME)

Absolute stereochemistry.



126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

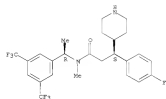
Absolute stereochemistry.



● HCl

HN 645380-09-2 CAPLUS
CN 4-(4-chlorophenyl)-N-methyl-2-((4-chlorophenyl)methyl)-6-piperidinopropanamide, N-[(1S)-1-[(3,5-dichlorophenyl)methyl]-4-fluorophenyl]-N-methyl-, monohydrochloride, (R)- (R)- (CA INDEX NAME)

Absolute stereochemistry.

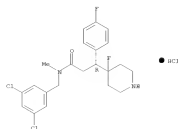


● HCl

HN 645380-10-3 CAPLUS
CN 4-(4-chlorophenyl)-N-methyl-2-((4-chlorophenyl)methyl)-6-piperidinopropanamide, N-[(1S)-1-[(3,5-dichlorophenyl)methyl]-4-fluorophenyl]-N-methyl-, monohydrochloride, (R)- (R)- (CA INDEX NAME)

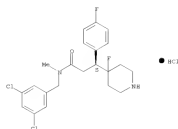
Absolute stereochemistry.

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



HN 645380-04-7 CAPLUS
CN 4-(4-chlorophenyl)-N-methyl-2-((4-chlorophenyl)methyl)-6-piperidinopropanamide, N-[(1S)-1-[(3,5-dichlorophenyl)methyl]-4-fluorophenyl]-N-methyl-, monohydrochloride, (R)- (R)- (CA INDEX NAME)

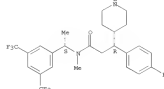
Absolute stereochemistry.



HN 645380-08-1 CAPLUS
CN 4-(4-chlorophenyl)-N-methyl-2-((4-chlorophenyl)methyl)-6-piperidinopropanamide, N-[(1S)-1-[(3,5-dichlorophenyl)methyl]-4-fluorophenyl]-N-methyl-, monohydrochloride, (R)- (R)- (CA INDEX NAME)

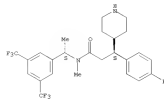
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

Absolute stereochemistry.



HN 645380-11-6 CAPLUS
CN 4-(4-chlorophenyl)-N-methyl-2-((4-chlorophenyl)methyl)-6-piperidinopropanamide, N-[(1S)-1-[(3,5-dichlorophenyl)methyl]-4-fluorophenyl]-N-methyl-, monohydrochloride, (R)- (R)- (CA INDEX NAME)

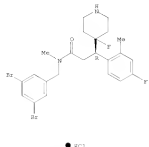
Absolute stereochemistry.



HN 645380-07-2 CAPLUS
CN 4-(4-chlorophenyl)-N-methyl-2-((4-chlorophenyl)methyl)-6-piperidinopropanamide, N-[(1S)-1-[(3,5-dichlorophenyl)methyl]-4-fluorophenyl]-N-methyl-, monohydrochloride, (R)- (R)- (CA INDEX NAME)

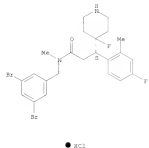
Absolute stereochemistry.

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)



BR 645390-69-4 CAPLUS
 CH 4-Piperidinopropionamide, N-[(1,5-dibromophenyl)methyl]-4-fluoro-β-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride, (PB)- (PCT) (CA INDEX NAME)

Absolute stereochemistry.



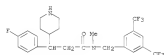
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)

(4-fluorophenyl)-N-methyl-3-piperidin-4-ylpropionamide 645379-89-3y, N-[3,5-bis(trifluoromethyl)-3-(4-fluorophenyl)-3-(4-fluoropiperidin-4-yl)-N-methylpropionamide 645380-06-9y, N-[3,5-bis(trifluoromethyl)phenyl]methyl]-3-(4-fluorophenyl)-N-methyl-3-[1-(4-methoxyethyl)-4-piperidinyl]propionamide 645390-65-0y, N-[3,5-dibromophenyl]methyl]-3-(4-fluoro-2-methylphenyl)-3-(4-fluoro-4-piperidinyl)-N-methylpropionamide hydrochloride 645393-06-2y,

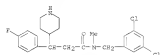
N-[(3,5-bis(trifluoromethyl)phenyl)methyl]-3-(4-fluorophenyl)-3-(3-fluoro-3-piperidinyl)-N-methylpropionamide
 RU: POC (Pharmacological activity); RCT (Reagent); SYN (Synthetic preparation); TBT (Therapeutic use); BTD (Biological study); PREP (Preparation); ACCT (Reagent or reagent); DSD (Uses)
 [3-benzyl-3,2b-2-heterocyclyl-propionamide compds. as tachykinin

and/or
 serotonin reuptake inhibitors)

BR 645379-89-3 CAPLUS
 CH 4-Piperidinopropionamide, N-[(3,5-bis(trifluoromethyl)phenyl)methyl]-β-(4-fluorophenyl)-N-methyl- (CA INDEX NAME)



BR 645379-92-4 CAPLUS
 CH 4-Piperidinopropionamide, N-[(3,5-dichlorophenyl)methyl]-β-(4-fluorophenyl)-N-methyl- (CA INDEX NAME)

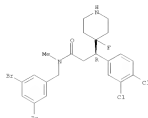


BR 645379-93-7 CAPLUS
 CH 4-Piperidinopropionamide, N-[(1,3,5-trichlorophenyl)methyl]-β-(4-fluorophenyl)-N-methyl- (CA INDEX NAME)

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)

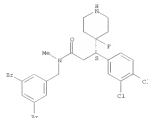
BR 645390-71-8 CAPLUS
 CH 4-Piperidinopropionamide, N-[(1,3,5-dibromophenyl)methyl]-β-(3,4-dichlorophenyl)-4-fluoro-N-methyl-, (PB)- (CA INDEX NAME)

Absolute stereochemistry.



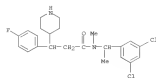
BR 645390-73-0 CAPLUS
 CH 4-Piperidinopropionamide, N-[(1,3,5-dibromophenyl)methyl]-β-(3,4-dichlorophenyl)-4-fluoro-N-methyl-, (PB)- (CA INDEX NAME)

Absolute stereochemistry.

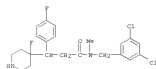


IT 645379-89-1P, N-[3,5-bis(trifluoromethyl)benzyl]-3-(4-fluorophenyl)-N-methyl-3-piperidin-4-ylpropionamide 645379-90-4P, N-[3,5-bis(chlorophenyl)-3-(4-fluorophenyl)-N-methyl-7-piperidin-4-ylpropionamide 645379-93-7P, N-[1-(1,3,5-bis(chlorophenyl)ethyl)-3-

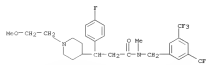
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)



BR 645379-99-3 CAPLUS
 CH 4-Piperidinopropionamide, N-[(3,5-dichlorophenyl)methyl]-4-fluoro-β-(4-fluorophenyl)-N-methyl- (CA INDEX NAME)



BR 645390-06-9 CAPLUS
 CH 4-Piperidinopropionamide, N-[(3,5-bis(trifluoromethyl)phenyl)methyl]-β-(4-fluorophenyl)-3-(2-methoxyethyl)-N-methyl- (CA INDEX NAME)



BR 645390-65-0 CAPLUS
 CH 4-Piperidinopropionamide, N-[(1,3,5-dibromophenyl)methyl]-4-fluoro-β-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride (PCT) (CA INDEX NAME)

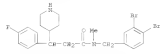
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)



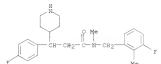
30 645390-17-2 CAPLUS
 CN 4-((1R,2S)-4-fluorophenyl)-N-((3,5-dimethylphenyl)methyl)-beta-(4-fluorophenyl)-D-methyl-6-piperidinepropanamide, (R)- (CA INDEX NAME)



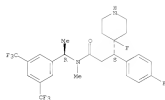
30 645390-19-4 CAPLUS
 CN 4-((1R,2S)-4-fluorophenyl)-N-((3,5-dimethylphenyl)methyl)-beta-(4-fluorophenyl)-D-methyl-6-piperidinepropanamide, (R)- (CA INDEX NAME)



30 645390-21-8 CAPLUS
 CN 4-((1R,2S)-4-fluorophenyl)-N-((3-fluoro-2-methylphenyl)methyl)-beta-(4-fluorophenyl)-D-methyl-6-piperidinepropanamide, (R)- (CA INDEX NAME)



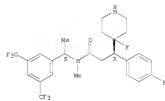
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)



● (R)-

30 645390-35-4 CAPLUS
 CN 4-((1R,2S)-4-fluorophenyl)-N-((3-fluoro-2-methylphenyl)methyl)-beta-(4-fluorophenyl)-D-methyl-6-piperidinepropanamide, (R)- (CA INDEX NAME)

Absolute stereochemistry.



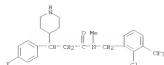
● (R)-

30 645390-39-8 CAPLUS
 CN 4-((1R,2S)-4-fluorophenyl)-N-((3-fluoro-2-methylphenyl)methyl)-beta-(4-fluorophenyl)-D-methyl-6-piperidinepropanamide, (R)- (CA INDEX NAME)

Absolute stereochemistry.

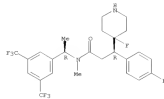
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)

30 645390-23-0 CAPLUS
 CN 4-((1R,2S)-4-fluorophenyl)-N-((3-fluoro-2-methylphenyl)methyl)-beta-(4-fluorophenyl)-D-methyl-6-piperidinepropanamide, (R)- (CA INDEX NAME)



30 645390-27-4 CAPLUS
 CN 4-((1R,2S)-4-fluorophenyl)-N-((3-fluoro-2-methylphenyl)methyl)-beta-(4-fluorophenyl)-D-methyl-6-piperidinepropanamide, (R)- (CA INDEX NAME)

Absolute stereochemistry.

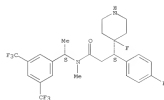


● (R)-

30 645390-31-0 CAPLUS
 CN 4-((1R,2S)-4-fluorophenyl)-N-((3-fluoro-2-methylphenyl)methyl)-beta-(4-fluorophenyl)-D-methyl-6-piperidinepropanamide, (R)- (CA INDEX NAME)

Absolute stereochemistry.

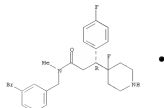
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)



● (R)-

30 645390-43-6 CAPLUS
 CN 4-((1R,2S)-4-fluorophenyl)-N-((3-fluoro-2-methylphenyl)methyl)-beta-(4-fluorophenyl)-D-methyl-6-piperidinepropanamide, (R)- (CA INDEX NAME)

Absolute stereochemistry.

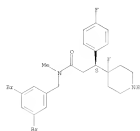


● (R)-

30 645390-47-8 CAPLUS
 CN 4-((1R,2S)-4-fluorophenyl)-N-((3-fluoro-2-methylphenyl)methyl)-beta-(4-fluorophenyl)-D-methyl-6-piperidinepropanamide, (R)- (CA INDEX NAME)

Absolute stereochemistry.

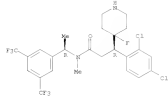
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

ZN 645380-51-4 CAPLUS
 CN 4-Piperidinepropanamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-
 β-[2,4-dichlorophenyl]-4-fluoro-β-methyl-, monohydrochloride, (βR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

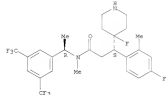


● HCl

ZN 645380-54-7 CAPLUS
 CN 4-Piperidinepropanamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-
 β-[2,4-dichlorophenyl]-4-fluoro-β-methyl-, monohydrochloride, (βR)- (9CI) (CA INDEX NAME)

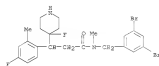
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 β-[2,4-dichlorophenyl]-4-fluoro-β-methyl-, monohydrochloride, (βR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

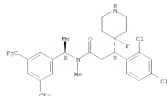
ZN 645380-63-9 CAPLUS
 CN 4-Piperidinepropanamide, N-[(1R)-1-bis(4-chlorophenyl)methyl]-4-fluoro-β-(4-fluoro-2-methylphenyl)-β-methyl-, monohydrochloride, (βR)- (9CI) (CA INDEX NAME)



ZN 645380-79-6 CAPLUS
 CN 4-Piperidinepropanamide, N-[(1R)-1-bis(4-chlorophenyl)methyl]-4-fluoro-β-(4-fluoro-2-methylphenyl)-β-methyl-, monohydrochloride, (βR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

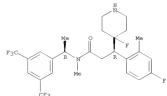
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 Absolute stereochemistry.



● HCl

ZN 645380-57-0 CAPLUS
 CN 4-Piperidinepropanamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-
 4-fluoro-β-(4-fluoro-2-methylphenyl)-β-methyl-, monohydrochloride, (βR)- (9CI) (CA INDEX NAME)

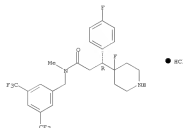
Absolute stereochemistry.



● HCl

ZN 645380-61-6 CAPLUS
 CN 4-Piperidinepropanamide, N-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl]-

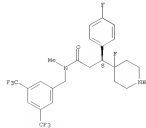
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● HCl

ZN 645380-81-0 CAPLUS
 CN 4-Piperidinepropanamide, N-[(1R)-1-bis(4-chlorophenyl)methyl]-4-fluoro-β-(4-fluoro-2-methylphenyl)-β-methyl-, monohydrochloride, (βR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

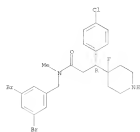


● HCl

ZN 645380-87-6 CAPLUS
 CN 4-Piperidinepropanamide, β-(4-chlorophenyl)-N-[(1R)-1-bis(4-chlorophenyl)methyl]-4-fluoro-β-methyl-, monohydrochloride, (βR)- (9CI) (CA INDEX NAME)

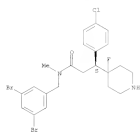
Absolute stereochemistry.

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



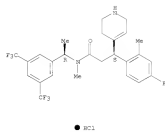
HN 645380-89-8 CAPLUS
 CH 4-Pyrrolidinopropanamide, N-[[3,5-bis-(4-chlorophenyl)-2-methyl-5-(trifluoromethyl)phenyl]-2-methyl-, monohydrochloride, (R)- (PC1) (CA INDEX NAME)

Absolute stereochemistry.

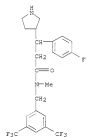


HN 645381-00-6 CAPLUS
 CH 4-Pyrrolidinopropanamide, N-[[3,5-bis-(trifluoromethyl)phenyl]methyl]-β-(4-fluoro-2-methylphenyl)-1,2,3,4-tetrahydro-N-methyl- (CA INDEX NAME)

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

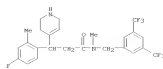


HN 645391-09-1 CAPLUS
 CH 2-Morpholinopropanamide, N-[[3,5-bis-(trifluoromethyl)phenyl]methyl]-β-(4-fluorophenyl)-N-methyl-, monohydrochloride (PC1) (CA INDEX NAME)



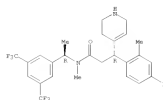
HN 645391-07-3 CAPLUS
 CH 3-Piperidinopropanamide, N-[[3,5-bis-(trifluoromethyl)phenyl]methyl]-β-(4-fluoro-2-methylphenyl)-N-methyl-, monohydrochloride (PC1) (CA INDEX NAME)

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



HN 645391-02-8 CAPLUS
 CH 4-Pyrrolidinopropanamide, N-[[3,5-bis-(trifluoromethyl)phenyl]ethyl]-β-(4-fluoro-2-methylphenyl)-1,2,3,4-tetrahydro-N-methyl-, monohydrochloride, (R)- (PC1) (CA INDEX NAME)

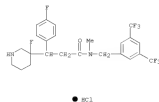
Absolute stereochemistry.



HN 645391-04-0 CAPLUS
 CH 4-Pyrrolidinopropanamide, N-[[3,5-bis-(trifluoromethyl)phenyl]ethyl]-β-(4-fluoro-2-methylphenyl)-1,2,3,4-tetrahydro-N-methyl-, monohydrochloride, (R)- (PC1) (CA INDEX NAME)

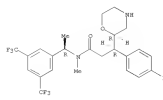
Absolute stereochemistry.

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



HN 645391-09-5 CAPLUS
 CH 2-Morpholinopropanamide, N-[[3,5-bis-(trifluoromethyl)phenyl]ethyl]-β-(4-fluorophenyl)-N-methyl-, monohydrochloride, (R)- (PC1) (CA INDEX NAME)

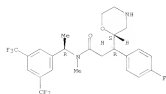
Absolute stereochemistry.



HN 645391-11-9 CAPLUS
 CH 2-Morpholinopropanamide, N-[[3,5-bis-(trifluoromethyl)phenyl]ethyl]-β-(4-fluorophenyl)-N-methyl-, monohydrochloride, (R)- (PC1) (CA INDEX NAME)

Absolute stereochemistry.

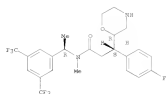
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



● 1C1

320 645381-13-1 CAPLUS
 CN 3-Morpholinopropionamide,
 N-([3,5-bis(trifluoromethyl)phenyl]ethyl)-
 β-(4-fluorophenyl)-N-methyl-, monohydrochloride, (R,R)- (1C1)
 (CA INDEX NAME)

Absolute stereochemistry.

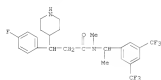


● 1C1

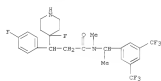
320 645381-13-3 CAPLUS
 CN 3-Morpholinopropionamide,
 N-([3,5-bis(trifluoromethyl)phenyl]ethyl)-
 β-(4-fluorophenyl)-N-methyl-, monohydrochloride, (R,R)- (1C1)
 (CA INDEX NAME)

Absolute stereochemistry.

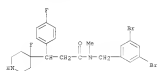
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



320 645381-20-0 CAPLUS
 CN 4-Piperidinopropionamide, N-([3,5-bis(trifluoromethyl)phenyl]ethyl)-4-
 fluoro-β-(4-fluorophenyl)-N-methyl-, (CA INDEX NAME)

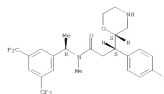


320 645381-21-1 CAPLUS
 CN 4-Piperidinopropionamide, N-([3,5-dichlorophenyl]ethyl)-4-fluoro-β-(4-
 fluorophenyl)-N-methyl-, (CA INDEX NAME)



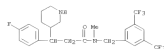
320 645381-22-2 CAPLUS
 CN 4-Piperidinopropionamide, N-([3,5-bis(trifluoromethyl)phenyl]ethyl)-
 β-(2,4-dichlorophenyl)-4-fluoro-N-methyl-, (CA INDEX NAME)

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

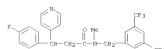


● 1C1

320 645381-16-4 CAPLUS
 CN 3-Piperidinopropionamide, N-([3,5-bis(trifluoromethyl)phenyl]ethyl)-β-
 (4-fluorophenyl)-N-methyl-, (CA INDEX NAME)

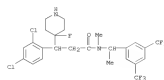


320 645381-18-6 CAPLUS
 CN 4-Pyridinopropionamide, N-([3,5-bis(trifluoromethyl)phenyl]ethyl)-β-
 (4-fluorophenyl)-N-methyl-, (CA INDEX NAME)

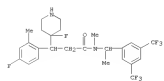


320 645381-13-7 CAPLUS
 CN 4-Piperidinopropionamide, N-([3,5-bis(trifluoromethyl)phenyl]ethyl)-
 β-(4-fluorophenyl)-N-methyl-, (CA INDEX NAME)

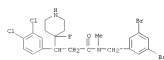
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



320 645381-23-3 CAPLUS
 CN 4-Piperidinopropionamide, N-([3,5-bis(trifluoromethyl)phenyl]ethyl)-4-
 fluoro-β-(4-fluoro-2-methylphenyl)-N-methyl-, (CA INDEX NAME)

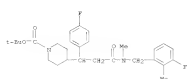


320 645381-24-4 CAPLUS
 CN 4-Piperidinopropionamide, N-([3,5-dichlorophenyl]ethyl)-β-(3,4-
 dichlorophenyl)-4-fluoro-N-methyl-, (CA INDEX NAME)

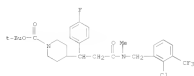


320 645381-25-5 CAPLUS
 CN 4-Piperidinopropionamide, N-([3,5-bis(trifluoromethyl)phenyl]ethyl)-4-
 fluoro-β-(4-fluorophenyl)-N-methyl-, (CA INDEX NAME)

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)

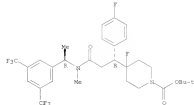


XXI 645378-63-0 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-((1S)-3-((1S)-1-(4-fluorophenyl)-3-oxopropyl)-1,1-dimethylethyl) ester (CA INDEX NAME)



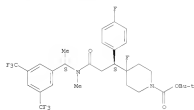
XXI 645378-69-4 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-((1S)-3-((1S)-1-(3,5-bis(trifluoromethyl)phenyl)ethyl)amino)-1-(4-fluorophenyl)-3-oxopropyl)-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.

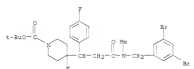


126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)

Absolute stereochemistry.



XXI 645378-83-2 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-((1S)-3-((1S)-1-(3,5-bis(trifluoromethyl)phenyl)ethyl)amino)-1-(4-fluorophenyl)-3-oxopropyl)-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)



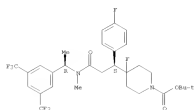
XXI 645378-98-9 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-((1S)-3-((1S)-1-(3,5-bis(trifluoromethyl)phenyl)ethyl)amino)-1-(2,4-dichlorophenyl)-3-oxopropyl)-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)

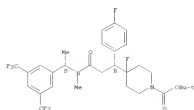
XXI 645378-71-8 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-((1S)-3-((1S)-1-(3,5-bis(trifluoromethyl)phenyl)ethyl)amino)-1-(4-fluorophenyl)-3-oxopropyl)-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.



XXI 645378-71-0 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-((1S)-3-((1S)-1-(3,5-bis(trifluoromethyl)phenyl)ethyl)amino)-1-(4-fluorophenyl)-3-oxopropyl)-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)

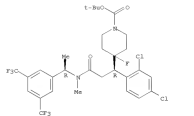
Absolute stereochemistry.



XXI 645378-75-2 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-((1S)-3-((1S)-1-(3,5-bis(trifluoromethyl)phenyl)ethyl)amino)-1-(4-fluorophenyl)-3-oxopropyl)-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)

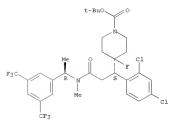
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on SYN (Continued)

Absolute stereochemistry.



XXI 645379-00-6 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-((1S)-3-((1S)-1-(3,5-bis(trifluoromethyl)phenyl)ethyl)amino)-1-(2,4-dichlorophenyl)-3-oxopropyl)-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)

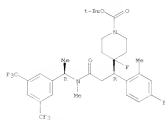
Absolute stereochemistry.



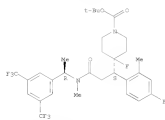
XXI 645379-00-4 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-((1S)-3-((1S)-1-(3,5-bis(trifluoromethyl)phenyl)ethyl)amino)-1-(4-fluoro-2-methylphenyl)-3-oxopropyl)-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

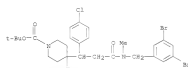


RI 645379-26-8 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-[(1R)-3-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl)methylamino]-1-(4-fluoro-2-methylphenyl)-3-oxopropyl]-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)
 Absolute stereochemistry.

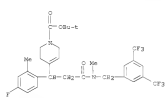


RI 645379-22-0 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-[3-[(1R)-3-bis(trifluoromethyl)phenyl]ethyl)methylamino]-1-(4-fluoro-2-methylphenyl)-3-oxopropyl]-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)

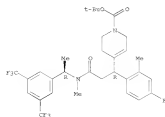
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



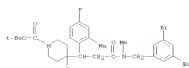
RI 645379-64-2 CAPLUS
 CH 1-(2R)-Pyridinecarboxylic acid, 4-[3-[(1R)-3-bis(trifluoromethyl)phenyl]ethyl)methylamino]-1-(4-fluoro-2-methylphenyl)-3-oxopropyl]-3,6-dihydro-, 1,1-dimethylethyl ester (CA INDEX NAME)



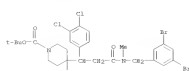
RI 645379-63-3 CAPLUS
 CH 1-(2R)-Pyridinecarboxylic acid, 4-[(1R)-3-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl)methylamino]-1-(4-fluoro-2-methylphenyl)-3-oxopropyl]-3,6-dihydro-, 1,1-dimethylethyl ester (CA INDEX NAME)
 Absolute stereochemistry.



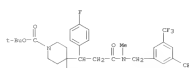
126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)



RI 645379-24-4 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-[3-[(1R)-3-bis(trifluoromethyl)phenyl]ethyl)methylamino]-1-(4-fluoro-2-methylphenyl)-3-oxopropyl]-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)



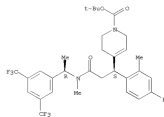
RI 645379-28-8 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-[3-[(1R)-3-bis(trifluoromethyl)phenyl]ethyl)methylamino]-1-(4-fluoro-2-methylphenyl)-3-oxopropyl]-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)



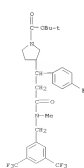
RI 645379-36-8 CAPLUS
 CH 1-Piperidinecarboxylic acid, 4-[1-(4-chlorophenyl)-3-[(1R)-3-bis(trifluoromethyl)phenyl]ethyl)methylamino]-3-oxopropyl]-4-fluoro-, 1,1-dimethylethyl ester (CA INDEX NAME)

126 ANSWER 5 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)

RI 645379-66-4 CAPLUS
 CH 1-(2R)-Pyridinecarboxylic acid, 4-[(1R)-3-[(1R)-1-[3,5-bis(trifluoromethyl)phenyl]ethyl)methylamino]-1-(4-fluoro-2-methylphenyl)-3-oxopropyl]-3,6-dihydro-, 1,1-dimethylethyl ester (CA INDEX NAME)
 Absolute stereochemistry.



RI 645379-69-7 CAPLUS
 CH 1-Pyridolidecarboxylic acid, 3-[3-[(1R)-3-bis(trifluoromethyl)phenyl]ethyl)methylamino]-1-(4-fluoro-2-methylphenyl)-3-oxopropyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)



Young, Shawquia, Page 22

L14 NUMBER & OF CAPSUS COPYRIGHT 2008 ACS on STM [Continued]
PATENT ASSIGNER(S): Aventis Pharma Limited, UK
SOURCE: PCT Int. Appl., 77 pp.
CODEN: PEXX02
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

[illegible]

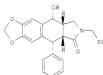
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INDEX SOURCE(S):                MARPAT 139:24649
IT 477953-14-7P
  RL: NCT (Reactant); SYN (Synthetic preparation); PREP (Preparation); RACT
  (Reactant or Reagent)
  Description: tetrahydroisoquinolines as antinflammatory agents)
C22 477953-14-7 CAPULES
  CSN 7-Isoselenoselenopropanamide,  $\alpha$ -amino-2,3,4-tetrahydro-N-[1(5)-1-
  phenylethyl]- $\beta$ -4-pyridinyl- (CA INDEX NAME)

Absolute stereochemistry xv.

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124 ANSWER 7 OF 17 CAPLOS COPYRIGHT 2008 ACS on STN
ED Entered STN: 22 Nov 2002
GI



NA A new x-ray analog of epispinosynephrine (the C-3 epimer of pispinosynephrine) has been synthesized exploiting two original strategies: (i) using pure A/B and C/D isomers as starting materials via a cationic dehydration procedure; (ii) a palladium-catalyzed pseudo-domino (P-DOM) reaction to access epispinosynephrine as a single synthetic isomer.

ACCESSION NUMBER: 2005-08-0222 CAPUS

DEPOSITION NUMBER: 1

ANALOG: An Epispinosynephrine X-ray Analogue via a Palladium-Catalyzed Pseudo-Domino Cyclization

AUTHOR(S): Togli, Giovanni; Giambastiani, Giuliano

COOPERATION SOURCE: CNR, CNR-CNR, Univerzitate Ferrara at Maria Curie Sklodowska, Ferrara, Italy

SOURCE: *Journal of Organic Chemistry* (2002), 67(16), 5456-5458

ORDEN: JOCHEM; 3880; 022-2263

NUMBER: Chemical Society

DOCUMENT TYPE:

LANGUAGE: English

OTHER SOURCE(S): CASREACT; 39; 123493

EN: 693935-39-55

EN: Acet (Reagent); Syn (Synthetic preparation); PREP (Preparation); MACT (Material) (Reagent)

EN: Preparation of 1-(1-deoxythio epispinosynephrine)-N-methyl-L-lysine

via

EN: 693935-39-55

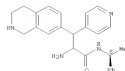
EN: 1-(1-deoxythio epispinosynephrine)-N-methyl-L-lysine

EN: 2,3-bis(selenoacetyl)-L-propanoic acid; w-[1(2)-6-(acetylthio)-2-methyl-1-pyrrol-1-yl]-N-methyl-L-phenyl-L-alanine; 1-(1-deoxythio epispinosynephrine)-N-methyl-L-lysine

EN: 1-(1-deoxythio epispinosynephrine)-N-methyl-L-lysine

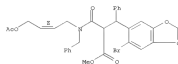
Double bond geometry as shown.

L26 ANSWER 6 OF 17 CAPLITE COPYRIGHT 2008 ACS on ETN |Continued



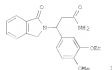
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

1.26 ANSWER 7 OF 17 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



REFERENCE COURT: 57 THERE ARE 57 CITED REFERENCES AVAILABLE FOR
THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE
FORMAT

L26 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STM (Continued)
 ED Entered STM: 02 Jan 1999
 GI



AB Cyclic amides such as 1 are prepared. Thus, 1 was prepared in 2 steps starting from 3-amino-3-(3-ethoxy-4-methoxyphenyl)propionic acid and methylaldehyde.
 ACCURATOR NUMBER: 1999:1110 CAPLUS
 DOCUMENT NUMBER: 1999:1039
 TITLE: Cyclic amides
 INVENTOR(S): Muller, George W.
 PATENT ASSIGNEE(S): Celgene Corp., USA
 SOURCE: U.S., 23 pp., Cont.-in-part of U.S. 5,605,914.
 CORDS USUSUM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 7
 PATENT INFORMATION:

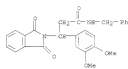
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5685799	A	19971216	US 1996-703708	19980627
US 5461043	A	19951031	US 1993-140237	19931009
US 5461924	A	19970225	US 1994-238587	19940610
CA 2313668	A1	19950212	CA 1994-231869	19940701
EP 1004580	A2	20000331	EP 2000-100491	19940701
EP 1004580	A1	20001002		
EP 1004580	B1	20011220		

1E 3a AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 EP 1004581 A2 20000331 EP 2000-100492 19940701
 EP 1004581 A1 20020814
 EP 1004581 B1 20040912
 2E 3a AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 EP 1004572 A2 20000331 EP 2000-100498 19940701
 EP 1004572 A1 20011002
 EP 1004572 B1 20060309

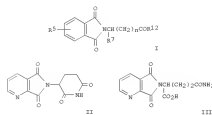
L26 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STM (Continued)
 R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 1E EP 1477486 A2 20041117 EP 2004-77075 19940701
 EP 1477486 A3 20041215
 R: AT, BE, CH, DE, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 1E US 5877300 A 19990302 US 1997-520715 19970809
 US 675041 A 20000613 US 1998-159612 19990902
 US 6750987 B2 20030713 US 2000-547005 20020411
 US 2007144325 A1 20070131 US 2003-737002 20030106
 US 7131354 B2 20061030
 US 2006168814 A1 20060720 US 2005-280373 20051117
 JP 2006131647 A 20060505 JP 2004-79629 20040226
 JP 2006183261 A 20060629 JP 2004-79624 20050216
 JP 2006188529 A 20060720 JP 2004-79633 20060216
 JP 2006197030 A 20060829 JP 2004-79637 20060216
 US 2006178402 A3 20060930 US 2004-401862 20040443
 US 2006187330 A3 20060917 US 2004-402650 20040443
 PRIORITZ APPIN. INFO.:
 US 1973-07510 B2 19730702
 US 1993-140237 A2 19931010
 US 1994-258587 A2 19940610
 CA 1994-236615 A1 19940701
 EP 1994-921479 A2 19940701
 EP 2000-200492 A1 19940701
 JP 1995-550648 A2 19940701
 US 1996-703708 A2 19960207
 US 1997-520715 A1 19970809
 US 1998-159612 A1 19980902
 US 1999-230789 A1 19990507
 US 2000-547009 A1 20000406
 US 2001-791179 A1 20010212
 US 2002-377402 A1 20020106

OTHER SOURCE(S): MARPAT 128:75299
 IT 167897-06-17
 RI: STM (Synthetic preparation); PREP (Preparation)
 [cyclic amides as potential tumor necrosis factor inhibitors]
 IN 167897-06-1 CAPLUS
 CN 28-Insulinol-7-propionamide, β -[7,6-dimethoxyphenyl]-1,3-dihydro-1,3-dioxo-N-(phenylmethyl)- (CA INDEX NAME)

L26 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STM (Continued)



L26 ANSWER 8 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STM
 ED Entered STM: 13 Mar 1997
 GI



AB Cyclic amides, such as 1 [R¹ = H, Me, CH₃, CF₃, CO₂H, CO₂Me, CO₂Bu, Ar, CORH, MeO, CO₂H, CH₃, NH₂, alkyl, alkoxy, halo, R² = pyridyl, substituted Ph, (unsubstituted benzyl, phenyl), benzyl, benzyl, unsubstituted-4-pyridyl] R² = amino, CH₃, ester, n = 0-3, are inhibitors of tumor necrosis factor α and can be used to combat cachexia, endotoxic shock, and retrovirus replication. Thus, 1 [R¹ = H, R² = 4-MeOCH₃, R² = NH₂, n = 1] was prepared from 3-(4-MeOCH₃)(CH₂)₂CECOOH and N-(4-methoxyphenyl)imidazole via amidation of the phenylaldehyde acid. Also, 2-(2,6-dioxo-7-piperidinyl)-4-oxoisobutanoic acid (II) was prepared from L-glutamine and 5,7-pyridinedicarboxylic anhydride via intramolecular cyclization of glutaric acid III.
 NUMBERING NUMBER: 1997165160 CAPLUS
 DOCUMENT NUMBER: 12619454
 TITLE: Preparation of cyclic imides as inhibitors of tumor necrosis factor α
 INVENTOR(S): Muller, George W.
 PATENT ASSIGNEE(S): Celgene Corporation, USA
 SOURCE: U.S., 23 pp., Cont.-in-part of U.S. Ser. No. 87,510, abandoned.
 CORDS USUSUM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 7
 PATENT INFORMATION:

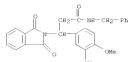
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5455914	A	19970225	US 1994-258587	19940610
US 5461063	A	19951031	US 1993-140237	19931009
CA 2313668	A1	19950212	CA 1994-231869	19940701
EP 1004580	A2	20000331	EP 2000-100491	19940701
EP 1004580	A1	20011002		
EP 1004580	B1	20061220		

126 ANSWER 9 OF 17 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

R1 AT, RE, CH, DS, DS, RS, FS, GS, GR, IT, LT, LO, ML, SE, MC, PT, VT
 IE EP 1004581 A2 20000531 EP 2000-200492 19940701
 EP 1004581 A3 20020814
 EP 1004581 B2 20040922
 R1 AT, RE, CH, DS, DS, RS, FS, GS, GR, IT, LT, LO, ML, SE, MC, PT, VT
 IE EP 1004572 A3 20000531 EP 2000-200498 19940701
 EP 1004572 A3 20021002
 EP 1004572 B1 20060709
 R1 AT, RE, CH, DS, DS, RS, FS, GS, GR, IT, LT, LO, ML, SE, MC, PT, VT
 IE EP 147486 A2 20041117 EP 2004-71075 19940701
 EP 147486 A3 20041215
 R1 AT, RE, CH, DS, DS, RS, FS, GS, GR, IT, LT, LO, ML, SE, MC, PT, VT
 IE US 5685519 A 19971216 US 1996-707108 19940802
 US 5677020 A 19990702 US 1997-920713 19970629
 US 4075041 A 20000613 US 1998-158612 19990922
 US 4024987 A 20010113 US 2000-147600 20000411
 US 200214325 A2 20000701 US 2003-073602 20030106
 US 7213106 A2 20061010
 US 200610054 A1 20060709 US 2005-280339 20051117
 JP 200611647 A 20060225 JP 2006-39429 20060216
 JP 200614021 A 20060629 JP 2006-38624 20060216
 JP 200618529 A 20060720 JP 2006-39433 20060216
 JP 200618570 A 20060720 JP 2006-39437 20060216
 US 2006178402 A3 20060809 US 2006-401862 20060412
 US 2006179120 A1 20060817 US 2006-401868 20060412
 JP 2006179120 US 1992-87510 N2 19900702
 P1010177 ABPL, INFO.

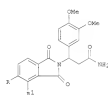
126 ANSWER 9 OF 17 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

OS 2003-237601 A3 20031010
 IT 167887-06-1P
 R1 STN (Synthetic preparation); THU (Therapeutic use); BGL (Biological study); PREP (Preparation); USES (Uses)
 [preparation of cyclic imides as inhibitors of tumor necrosis factor α]
 R1 167887-06-1 CAPLOS
 CN 28-Inosinole-2-propanamide, β -[7,4-dimethoxyphenyl]-1,2-dihydro-1,2-dioxo-8-(phenylmethyl)- (CA INDEX NAME)



126 ANSWER 10 OF 17 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

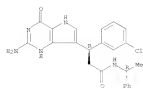
R1 Entered STN: 01 Aug 1996
 QC



A3 Thalidomide (alpha-galactamylglutarimide) has been shown to have a wide range of varied bio-activities, including the ability to inhibit tumor necrosis factor- α (TNF- α) production and its accompanying inflammatory manifestations. The central role of TNF- α as a pro-inflammatory cytokine of the immune response suggests that the drug may have important therapeutic utility in a variety of diseases including acute and chronic infections, auto-immune disorders, and malignancies.

To prepare a family of drugs with increased anti-TNF- α activity, a series of analogs of thalidomide was designed, synthesized, and tested for their ability to inhibit TNF- α release by peripheral blood mononuclear cells in vitro. A series of N-phthaloyl β -amino- β -aryl amides and esters was found to have increased activity in inhibiting TNF- α production. The most potent analogs reported here, compounds 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 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1841, 1842, 1843, 1844, 1845, 1846, 1847, 1848, 1849, 1850, 1851, 1852, 1853, 1854, 1855, 1856, 1857, 1858, 1859, 1860, 1861, 1862, 1863, 1864, 1865, 1866, 1867, 1868, 1869, 1870, 1871, 1872

L26 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

L26 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STN
RD Entered STN: 02 Apr 1994
CI

AB: ECHEC(C1=NC(=NC2=C1N=CN2)C(=N2)N=CN2)C(=N2)N=CN2 group G1 R1 = H, NH2, OH, R2 = (substituted) epoxide group optionally containing 1) heteroatom R2, R4 = H, alkyl, R = O, NH, X = cyano, CH2, CO2R, NO2, alkoxycarbonyl, etc.; $\alpha = 0-4$; $n = 0-6$; $p = 0, 1$ were prepared. Thus, 3-CIC24-CH2CH2CH2CH2 (R = O) was substituted by (R)-(S)-RHC(Me)Ph and the diastereomers separated and hydrolyzed to give (R)-3-CIC24-CH2CH2CH2CH2 which

had IC50 of 31 and 5.9 μ M at 50 and 100 μ M phosphate, resp., against purine phosphorylase in vitro.

ACCESSION NUMBER: 19941164216 CAPLUS
DOCUMENT NUMBER: 1201164216
TITLE: Preparation of (nonguanosylpyrimidinyl) alkanoates and analogs as purine phosphorylase inhibitors
INVENTOR(S): Nivas, Pharm; Secrist, John A., III; Montgomery, John A.
PATENT ASSIGNEE(S): Biocrypt Pharmaceuticals, Inc., USA
SOURCE: Int. Appl., 44 pp.
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 6
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9321187	A1	19930208	WO 1993-00284	19930205
W1, AG, CA, FI, HU, JP, KR, NO, SE, US				
FR, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
AU 9342766	A	19931118	AU 1993-42766	19930205
EP 630806	A2	19930215	EP 1993-92801	19930205
FI, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
JP 07507062	T	19950803	JP 1993-118357	19930205
HU 71559	A2	19951218	HU 1994-5021	19930205
FI 9404573	A	19941020	FI 1994-4972	19941020
NO 9403988	A	19941020	NO 1994-2980	19941020
US 5762311	US	1995-072608	US 1995-072608	19950607
FI 940310	US	1995-071441	US 1992-071441	19920421

PRIORITY APPL. INFO.

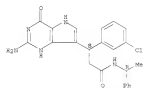
L26 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

US 1989-442798 R1 19891129
US 1991-702575 A2 19930514
US 1993-082841 A 19930325
US 1994-320415 R1 19941003

OTHER SOURCE(S): MARKWT 1201164216
IT 151332-16-09 151332-17-19
R1: RCT (Reactant); RSM (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
[Preparation and reaction of, in preparation of purine phosphorylase inhibitors]

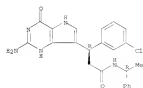
RU 151332-16-0 CAPLUS
CH 18-Pyrazolo[3,2-d]pyrimidine-7-propanamide, 2-amino-6-(3-chlorophenyl)-4,5-dihydro-4-oxo-H-(1-phenylethyl)-, [(R)-(S*))]- (PCI) (CA INDEX NAME)

Absolute stereochemistry.



RU 151332-17-1 CAPLUS
CH 18-Pyrazolo[3,2-d]pyrimidine-7-propanamide, 2-amino-6-(3-chlorophenyl)-4,5-dihydro-4-oxo-H-(1-phenylethyl)-, [(R)-(S*))]- (PCI) (CA INDEX NAME)

Absolute stereochemistry.



AB: X-ray crystallog. and computer-assisted mol. modeling (CMMS) studies aided

in the design of a potent series of mammalian purine nucleoside phosphorylase (PNP) inhibitors. Enhanced potency was achieved by designing substituted 9-(arylmethyl)-9-deazaquinoline analogs that interact with all three of the binding subites found for PNP, namely the purine binding site, the hydrophobic pocket, and the phosphate binding site.

The most potent PNP inhibitor prepared, (S)-9-[[1-(3-chlorophenyl)-2-carboxyethyl]-9-deazaquinoline (1)], had an IC50 of 6 nM, whereas the (R)-isomer was 20-fold less potent.

ACCESSION NUMBER: 1993-071601 CAPLUS
DOCUMENT NUMBER: 133-071601

TITLE: Structure-based design of inhibitors of purine nucleoside phosphorylase. 2. 9-arylmethyl derivatives of 9-deazaquinoline substituted on the arylmethyl group
AUTHOR(S): Elion, Mark D.; Nivas, Rony; Shor, Jerry D.;

Joanathan, Subramaniam; Allen, Charles Secrist, John A., III;

Rabin, Y. Sudhakar; Bugg, Charles E.; Goids, Wayne C.; et al.

CO-PATENT SOURCE: Biocrypt Pharm., Inc., Birmingham, AL, 35244, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(12), 3771-83

COIN: JMC300; ISSN: 0022-2625

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 151332-16-09 151332-17-19

R1: RSM (Synthetic preparation); PREP (Preparation)

[Intermediate in preparation of purine nucleoside phosphorylase-inhibiting

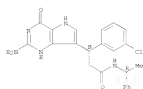
arylmethyldeazapurines]

RU 151332-16-0 CAPLUS

CH 18-Pyrazolo[3,2-d]pyrimidine-7-propanamide, 2-amino-6-(3-chlorophenyl)-4,5-dihydro-4-oxo-H-(1-phenylethyl)-, [(R)-(S*))]- (PCI) (CA INDEX NAME)

Absolute stereochemistry.

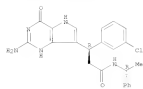
126 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



RN 151332-17-1 CAPLUS

CN 18-Pyrrolo[2,3-d]pyrimidine-7-propanamide, 2-amino-β-(3-chlorophenyl)-, (R)-(R',R'')- (PCT) (CA INDEX NAME)

Absolute stereochemistry.

126 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STN
RD Entered STN: 17 Oct 1992
GIAS Agrochem. fungicides contain malonamides I (R = CH₃, RCH₂); R₁ = linear or branched C1-5 alkyl; (un)substituted aryl; (un)substituted FCH₂; F₂, R₂)= R₁ linear or branched C1-5 alkyl; (un)substituted 2H, (un)substituted FCH₂; heterocyclyl X = H, halo, CF₃) as active ingredients. Treatment of I (R = CH₃, X = 4-Cl) (preparation given) with MeOH, 1-[2-dimethylaminoethyl]-3-ethylcarbodiimide-HCl salt, and 4-pyrrolidinopyridine in CH₂Cl₂ at room temperature for 3 h gave 54 I (R = CH₃, X = 4-Cl), which at 500 ppm totally inhibited *Pyricularia oryzae* infection in rice.

ACCESSION NUMBER: 1992:545701 CAPLUS
DOCUMENT NUMBER: 117:145701
TITLE: Preparation of malonamides as agrochemical fungicides
INVENTOR(S): Niwada, Shinjiro; Fukami, Jitschi; Hashimoto, Masaki; Otsuka, Masuo; Fujita, Fumio
PATENT ASSIGNEE(S): Sankyo K. K.; Japan Sanboku Hojo; Kyoto Kumai Nipponkai
SOURCE: Jpn. Kokai Tokkyo Koho, 7 pp.
DOCUMENT TYPE: CDBRI: JGGAOF
LANGUAGE: Patent
FAMILY ACC. NUM. CORRE: Japanese
PATENT INFORMATION: 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04089478	A	19920323	JP 1990-082825	19900502

PRIORITY APPL. INFO.	OTHER SOURCE(S)	MARKET	117:145501
JP 143438-84-EP	143438-85-EP	143438-86-EP	143438-87-EP
143438-88-EP	143438-89-EP	143438-90-EP	143438-91-EP

126 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)

RI AG (Agricultural use); BIOL (Biological activity as effector, except adverse); BIO (Biological study, unclassified); SYN (Synthetic preparation); RZOL (Biological study); PREP (Preparation); USES (Uses) (Group of agrochem. fungicides)

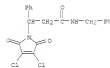
RN 141438-64-6 CAPLUS

CN 18-Pyrrolo-1-propanamide, 3,4-dichloro-N-[4-(chlorophenyl)methyl]-2,5-dihydro-2,5-dioxo-β-phenyl- (CA INDEX NAME)



RN 141438-85-1 CAPLUS

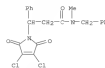
CN 18-Pyrrolo-1-propanamide, 3,4-dichloro-2,5-dihydro-2,5-dioxo-β-phenyl-N-(phenylethyl)- (CA INDEX NAME)



RN 141438-86-2 CAPLUS

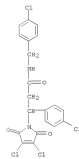
CN 18-Pyrrolo-1-propanamide, 3,4-dichloro-2,5-dihydro-N-methyl-2,5-dioxo-β-phenyl-N-(phenylethyl)- (CA INDEX NAME)

126 ANSWER 15 OF 17 CAPLUS COPYRIGHT 2008 ACS ON STN (Continued)



RN 143438-87-3 CAPLUS

CN 18-Pyrrolo-1-propanamide, 3,4-dichloro-N-[4-(chlorophenyl)methyl]-N-[4-(chlorophenyl)methyl]-2,5-dihydro-2,5-dioxo-β-phenyl- (CA INDEX NAME)

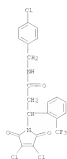


RN 143438-88-4 CAPLUS

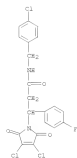
CN 18-Pyrrolo-1-propanamide, 3,4-dichloro-N-[4-(chlorophenyl)methyl]-2,5-dihydro-2,5-dioxo-β-[2-(1,1-dichloroethyl)phenyl]- (CA INDEX NAME)

11/03/2008, 10521159II.trn

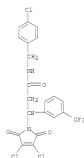
126 ANSWER 15 OF 17 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



141439-89-5 CAPLOS
CN 2,4-Pyridine-1-pyrazinamide, 2,4-dichloro-N-[(4-chlorophenyl)methyl]-5-(4-fluorophenyl)-2,5-dihydro-2,5-dioxo- (CA INDEX NAME)

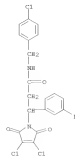


126 ANSWER 15 OF 17 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)



126 ANSWER 15 OF 17 CAPLOS COPYRIGHT 2008 ACS on STN (Continued)

141439-90-8 CAPLOS
CN 1,4-Pyridine-1-pyrazinamide, 2,4-dichloro-N-[(4-chlorophenyl)methyl]-5-(4-fluorophenyl)-2,5-dihydro-2,5-dioxo- (CA INDEX NAME)



144275-77-4 CAPLOS
CN 1,4-Pyridine-1-pyrazinamide, 3,4-dichloro-N-[(4-chlorophenyl)methyl]-2,5-dihydro-2,5-dioxo-5-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

126 ANSWER 16 OF 17 CAPLOS COPYRIGHT 2008 ACS on STN

ED Entered STN: 12 May 1984
CI For diagram(s), see printed CA Issue.
AB The reaction of I (R = H, Me, Ph) with NEDR (R1 = H, Pr, iso-Pr, Bu, tert-Bu, C(CH3)3) at room temperature in CH2Cl2 gave 11-87% of the corresponding

IV, II or III were cyclized on heating into the corresponding IV, an 28-64% yields. The ring chain transformation is discussed.

ACCESSION NUMBER: 1971:140590 CAPLOS

ORIGINAL REFERENCE NO.: 75:22181a,22184a

7775:1

Ring-chain transformation involving the carbonyl group. VII. Reactions of 3-k-4-phenyl-5,5'-spirothalide-2-furanone with primary aliphatic amines

AUTORS(S): Valters, E.; Kipins, A.
CORPORATE SOURCE: Rish. Politekh. Inst., Riga, USSR
SOURCE: Latvian SSR Zinatne Akadēmijas Vēstis, Kيميائيات
Serija (1971), (2), 200-7

CODEN: LIZAMN; ISSN: 0002-3248

DOCUMENT TYPE: Journal

LANGUAGE: Russian

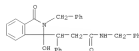
17 23879-86-4P

NL: SRU (Synthetic preparation); PREP (Preparation)

(preparation of)

33879-86-4 CAPLOS

CN 1-Isomollinopropionamide, N,2-dibenzyl-1-hydroxy-2-oxo-β-phenyl- (8C1) (CA INDEX NAME)



11/03/2008, 10521159II.trn

L26 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN
 RD Entered STN: 12 May 1984

AB The Wolff rearrangement of 1-phthaloylamino-3-diazo-2-alkanones in the presence of H_2SO_4 , HClO_4 , or $\text{H}-\text{phenylalanine}$ esters, catalyzed by Ag_2O , or occurring photolytically, yielded β -phthaloylamino- α -alkanoic acids, which upon saponification of the ester group and subsequent

hydrolysis gave the following $\text{H}_2\text{N}-\text{CH}(\text{R})-\text{CH}_2-\text{CO}_2\text{H}$ (R = H or Ph, R1 = H, Me, Et and R2 = Ph or CH_2Ph , n = 0 or 1).

ACCESSION NUMBER: 1976-48746 CAPLUS

DOCUMENT NUMBER: 69:87466

ORIGINAL REFERENCE NO.: 49:14795a, 14798a
 TITLE: Synthesis of dipeptides of some β -amino acids via α -diazo ketones

AUTHOR(S): Juppel, M.; Feller, F.

CORPORATE SOURCE: Humboldt-Universität, Berlin, Fed. Rep. Ger.

SOURCE: Journal Für Praktische Chemie (Leipzig) (1968),

38(1-2), 88-102

CODON: CPCBAO 2281: 0021-8393

DOCUMENT TYPE: Journal

LANGUAGE: German

CHEM SOURCE(S): CHEMFACT 69:87466

17: 1945-62-1P 1971-62-1P 1976-44-4P

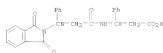
34: 89 (Synthetic preparation)/ PREP (Preparation)

(preparation of)

88: 1945-62-1 CAPLUS

CH Hydrocinnamic acid, β -[β -phthalimido-hydrocinnamido]- (PCI)

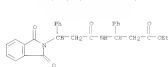
(CA INDEX NAME)



88: 1971-62-1 CAPLUS

CH Hydrocinnamic acid, β -[β -phthalimido-hydrocinnamido]-, ethyl

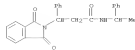
ester (PCI) (CA INDEX NAME)



88: 1976-44-4 CAPLUS

CH 2-Isoindolinepropionamide, N-(α -methylbenzyl)-3,3-diazo- β -

L26 ANSWER 17 OF 17 CAPLUS COPYRIGHT 2008 ACS on STN (Continued)
 phenyl- (PCI) (CA INDEX NAME)



11/03/2008,10521159II.trn

=> log h

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
93.13	1243.64

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-13.60	-48.80

CA SUBSCRIBER PRICE

SESSION WILL BE HELD FOR 120 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 12:58:42 ON 25 FEB 2008